

Applicants: Han Htun and Gordon L. Hager
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In the claims:

In compliance with the practice guidelines for making amendments under 37 C.F.R. §1.121(c) (1), Applicants present all pending claims with status indicators.

1 to 15. (Cancelled)

16. (Previously presented) A method of screening for a ligand that activates the translocation of a steroid receptor to the nucleus in a mammalian cell comprising:

- a. contacting a mammalian cell having a nucleus with the ligand, wherein the cell has a plurality of steroid receptor response elements, wherein the steroid receptor response elements comprise a plurality of AGAACA (SEQ ID NO:4) or AGGTCA (SEQ ID NO:5), in an array such that the response element can be directly detected when bound by fluorescently labeled steroid receptor; and
- b. detecting the location of fluorescence within the cell,

a change in the relative fluorescence of the nucleus to the cytoplasm so as to increase the fluorescence of the nucleus indicating a ligand that activates the translocation of a steroid receptor to the nucleus in a mammalian cell.

17. (Original) The method of claim 16, wherein the fluorescently labeled steroid receptor is fluorescently labeled with a green fluorescent protein.

18. (Currently Amended) The method of claim 16, A method of screening for a ligand that activates the translocation of a steroid receptor to the nucleus in a mammalian cell comprising:

- a. contacting a mammalian cell having a nucleus with the ligand, wherein the cell has a plurality of steroid receptor response elements, wherein the steroid receptor response elements comprise a plurality

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of AGAACA (SEQ ID NO:4) or AGGTCA (SEQ ID NO:5), in an array such that the response element can be directly detected when bound by fluorescently labeled steroid receptor; and
b. detecting the location of fluorescence within the cell,
a change in the relative fluorescence of the nucleus to the cytoplasm so as to increase the fluorescence of the nucleus indicating a ligand that activates the translocation of a steroid receptor to the nucleus in a mammalian cell,

wherein the mammalian cell is a cell of the cell line designated 3134 deposited with American Type Culture Collection under accession number CRL-11998 (ATCC).

19 to 58. (Cancelled)